ANALYTES DETECTED IN PORTAL SOIL SAMPLES[d]

Chemical Name[b]	Method B Screening Value[a] (mg/kg)	P2S-1 (mg/kg)	P2S-2 (mg/kg)	P2S-3 (mg/kg)	P2S-4 (mg/kg)	P3S-1 (mg/kg)	P3S-2 (mg/kg)	P3S-3 (mg/kg)	P3S-4 (mg/kg)	FNS-1[c] (mg/kg)
METALS										
ALUMINUM	80000.00	16400	13200	11800	17500	18400	7920	12600	8890	12900
ARSENIC	7.00	5.9	7.4	5.5	8	5.8	26	5.8	14.2	18.4
BARIUM	5600.00	119	109	77.4	121	128	235	184	494	665
CALCIUM		3960	6580	2470	7590	3840	40700	17100	245000	5220
CHROMIUM	400.00	23	18	20	20	20	17	18	7	10
COBALT	4800.00	6.4	7	10.4	7	8	25	7.9	29	16
COPPER	2960.00	10	21.9	18.9	30.8	18.2	24.5	23.5	12	5
IRON		15300	16700	23600	16700	18400	20600	17900	16000	92400
LEAD	250.00	23	45	22	28	11.7	12	10	7.1	4.2
MAGNESIUM		3380	3330	2010	3780	3450	3220	4420	5980	2180
MANGANESE	11200.00	619	565	542	636	232	2510	514	4730	9170
MERCURY	24.00	0.1	0.13	0.07	0.1	ND	ND	ND	ND	ND
NICKEL	1600.00	27	24	24	28	27	40	21	48	36
POTASSIUM		500	700	1000	600	500	700	1000	500	400
SELENIUM	400.00	0.7	ND	ND	ND	ND	ND	0.3	0.8	ND
SODIUM		117	80	62	91	117	226	318	218	88
THALLIUM	5.60	ND	ND	ND	ND	ND	ND	0.3	ND	ND
VANADIUM	560.00	35.6	31.2	38.5	32	42.8	35.4	39.9	18	26
ZINC	24000.00	36	327	59	84	54	64	41	42	38
ORGANICS										
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1000000.00	ND	0.0034	0.0039	0.008	ND	0.015 J	0.0039 J	ND	0.0055 J
ACETONE	8000.00	ND	ND	ND	ND	0.02	0.052 J	ND	ND	ND
2-METHYLNAPHTHALENE	3200.00	ND	ND	ND	ND	ND	0.11	0.092	ND	ND
BENZO(A)PYRENE	0.14	ND	0.089 M	ND	ND	ND	ND	ND	ND	ND
BIS(2-ETHYLHEXYL)PHTHALATE	71.40	ND	ND	ND	ND	ND	ND	ND	0.210	ND
CHRYSENE	0.14	ND	.090 M	ND	ND	ND	ND	ND	ND	ND
DIETHYLPHTHALATE	64000.00	ND	0.099	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE	2400.00	ND	ND	ND	ND	ND	0.070	0.088	ND	ND
4,4'-DDT	2.94	ND	0.0024 J	ND	ND	ND	0.0018 J	0.0021 J	ND	ND

ND - Not Detected

Shading indicates exceedance of the screening value. Exceedance of a screening value does not necessarily indicate a significant risk or health hazard, only the need to retain the compound for further evaluation.

J - The J qualifier indicates the constituent was tested for and detected, but the detection was at a concentration which is less than the calculated detection limit. During data validation the J qualifier may be applied to indicate a minor quality control deficiency.

B - The B qualifier indicates the constituent was analyzed for and detected in the associated laboratory blank.

M - The M qualifier indicates an estimated value of an analyte detected and confirmed by analyst with low spectral match parameters.

[a]Minimum Method B value shown in Table 4-5.

[b]Some anionic compounds (fluoride, chloride, etc.) were also detected in soil, but the concentrations were several orders of magnitude or more less than the Method B levels.

[c]Background Sample

[d]Sample locations shown in Figures 2-5 and 2-6.